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NOTICE OF ALLOWANCE AND FEE(S) DUE

22850 7590 07/23/2004
OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
P.C.
1940 DUKES STREET
ALEXANDRIA, VA 22314

EXAMINER

MULLINS, BURTON S

ART UNIT

PAPER NUMBER

2834

DATE MAILED: 07/23/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/554,884	08/22/2000	Bertil Larsson	9847-0049-6X	9102

TITLE OF INVENTION: METHOD OF APPLYING A TUBE MEMBER IN A STATOR SLOT IN A ROTATING ELECTRICAL MACHINE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$0	\$1330	10/25/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHT. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPO PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THE STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above:

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee Transmittal and pay the PUBLICATION FEE (if required) and 1 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issued on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is the patentee's responsibility to ensure timely payment of maintenance fees when due.

Notice of Allowability

Application No.

09/554,884

Examiner

Burton S. Mullins

Applicant(s)

LARSSON ET AL.

Art Unit

2834

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 17 June 2004.
2. ☒ The allowed claim(s) is/are 20-39.
3. ☒ The drawings filed on 22 May 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

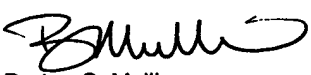
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


Burton S. Mullins
Primary Examiner
Art Unit: 2834

INFORMATION DISCLOSURE CITATION LIST
ALTERNATE FORM PTO-1449
(Corrected Listing of Original List)

Packet Number:

9847-0001-6X RET

09/147,325

Applicant(s):
MATS LEIJON ET AL

526 Rec'd PCT/PTO 22 MAY 2000

Corrected 03/20/00

Filing Date:
FEBRUARY 17, 1999

Group Art Unit:
2834

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>BM</i>	1	US1304451	5/20/19	L. H. Burnham			
	2	US1418856	6/2/22	Robert B. Williamson			
	3	US1481585	1/22/24	James Robert Beard			
	4	US1728915	9/24/29	E. P. Blankenship et al			
	5	US1742985	1/7/30	L. H. Burnham			
	6	US1747507	2/18/30	Robert B. George			
	7	US1756672	4/29/30	John M. Barr			
	8	US1762775	6/10/30	Albert G. Ganz			
	9	US1781308	11/11/30	Mauritz Vos			
	10	US1861182	5/31/32	F. Hendey et al			
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	43	US3365657	1/23/68	James Webb			
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Examiner

BM

Date

Considered

7/12/09

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP0 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION LIST
 ERNATE FORM PTO-1449
 (Corrected Listing of Original List)

09/554884

526 Rec'd PCT/PTO 22 MAY 2000

45	US3418530	11/24/68	W. H. Cheever
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Examiner

Date

Considered

7/12/04

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INFORMATION DISCLOSURE CITATION LIST
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Examiner

Bm

Date

Considered

7/13/04

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INFORMATION DISCLOSURE CITATION LIST
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Examiner

AM

Date

Considered

7/13/89

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION LIST
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526 Rec'd PCT/PTO 22 MAY 2000

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249	US5550410	8/27/96	C. Titus		
250	US5583387	12/10/96	M. Takeuchi et al		

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INFORMATION DISCLOSURE CITATION LIST
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 (Corrected Listing of Original List)

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251	US5587126	12/24/96	C. Steketee, Jr.			
252	US5598137	1/28/97	F. Alber et al			
253	US5607320	3/4/97	J. Wright			
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257	US5689223	11/18/97	A Demarmels et al			
258	US5807447	9/15/98	J. Forrest			
259	US681800	9/3/01	O. Lasche			
Subtotal	259					

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		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
1	AT399790	7/25/95	Austria			
2	BE565063	2/23/57	Belgium			
3	CH391071	4/30/65	Switzerland			
4	CH534448	2/28/73	Switzerland			
5	CH539328	7/4/73	Switzerland			
6	CH657482	8/29/86	Switzerland			
7	DD137164	8/15/79	Germany DDR			
8	DD138840	11/21/79	Germany DDR			
9	DE1638176	6/24/71	Germany			
10	DE1807391	5/27/70	Germany			
11	DE2050674	5/19/71	Germany			
12	DE2155371	5/17/73	Germany			
13	DE2400698	7/10/75	Germany			
14	DE2520511	11/18/76	Germany			
15	DE2656389	6/15/78	Germany			
16	DE2721905	11/23/78	Germany			
17	DE277012	7/25/14	Germany			
18	DE19547229	6/19/97	Germany			
19	DE2824951	12/20/79	Germany			
20	DE2835386	2/21/80	Germany			
21	DE2839517	3/27/80	Germany			
22	DE2854520	6/26/80	Germany			
23	DE2913697	10/16/80	Germany			
24	DE2917717	8/20/87	Germany			
25	DE2920478	12/4/80	Germany			
26	DE2939004	4/9/81	Germany			
27	DE3006382	8/27/81	Germany			
28	DE3008818	9/10/81	Germany			
29	DE3009102	9/25/80	Germany			
30	DE3028777	3/26/81	Germany			
31	DE3305225	8/16/84	Germany			
32	DE3309051	9/20/84	Germany			
33	DE336418	6/23/20	Germany			
34	DE3441311	5/15/86	Germany			
35	DE3543106	6/11/87	Germany			
36	DE3612112	10/15/87	Germany			
37	DE372390	3/27/23	Germany			
38	DE3726346	2/16/89	Germany			
39	DE387973	1/9/24	Germany			

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40	DE4022476	1/16/92	Germany
41	DE4023903	11/7/91	Germany
42	DE40414	8/15/1887	Germany
43	DE4233558	3/31/94	Germany
44	DE425551	2/20/26	Germany
45	DE426793	3/18/26	Germany
46	DE432169	7/26/26	Germany
47	DE433749	9/7/26	Germany
48	DE435608	10/18/26	Germany
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51	DE4412761	10/26/95	Germany
52	DE441717	3/11/27	Germany
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54	DE443011	4/13/27	Germany
55	DE460124	5/22/28	Germany
56	DE482506	9/14/29	Germany
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58	DE523047	4/18/31	Germany
59	DE568508	1/20/33	Germany
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63	DE604972	11/6/34	Germany
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65	DE673545	3/24/39	Germany
66	DE719009	3/26/42	Germany
67	DE846583	8/14/52	Germany
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69	EP0120154	10/3/84	European
70	EP0130124	1/2/85	European
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72	EP0155405	9/25/85	European
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89	EP0439410	7/31/91	European
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114	FR2251938	6/13/75	France
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124	GB1024583	3/30/66	United Kingdom
125	GB1053337	12/30/66	United Kingdom
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147	GB1502938	3/8/78	United Kingdom
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158	GB2081523	2/17/82	United Kingdom
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161	GB2106306	4/7/83	United Kingdom
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173	GB319313	7/18/29	United Kingdom
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181	GB723457	2/9/55	United Kingdom
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183	GB805721	12/10/58	United Kingdom
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187	GB913386	12/19/62	United Kingdom
188	GB965741	8/6/64	United Kingdom
189	GB992249	5/19/65	United Kingdom
190	JP424909	1/28/92	Japan
191	JP1129737	5/23/89	Japan
192	JP318253	1/25/91	Japan
193	JP3245748	2/23/90	Japan
194	JP4179107	11/9/90	Japan
195	JP5290947	4/8/92	Japan
196	JP57043529	8/29/80	Japan
197	JP59076156	10/25/82	Japan

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202	JP6264964	9/18/85	Japan
203	JP6325629	5/10/93	Japan
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205	JP7264789	3/22/94	Japan
206	JP8167332	12/13/94	Japan
207	JP8264039	11/1/95	Japan
208	JP9200989	1/17/96	Japan
209	LU67199	3/14/72	Luxembourg
210	SE255156	2/25/69	Sweden
211	SE305899	11/11/68	Sweden
212	SE341428	12/27/71	Sweden
213	SE453236	1/20/82	Sweden
214	SE457792	6/12/87	Sweden
215	SE502417	12/29/93	Sweden
216	SE90308	9/21/37	Sweden
217	SU1019553	1/6/80	USSR
218	SU1511810	5/26/87	USSR
219	SU425268	9/27/74	Soviet Union
220	SU694939	1/7/82	Soviet Union
221	SU792302	1/2/71	Soviet Union
222	SU955369	8/30/83	Soviet Union
223	WO8202617	8/5/82	PCT
224	WO8502302	5/23/85	PCT
225	WO9011389	10/4/90	PCT
226	WO9012409	10/18/90	PCT
227	WO9101059	1/24/91	PCT
228	WO9101585	2/7/91	PCT
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230	WO9109442	6/27/91	PCT
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234	WO9321681	10/28/93	PCT
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236	WO9518058	7/8/95	PCT
237	WO9522153	8/17/95	PCT
238	WO9524049	9/8/95	PCT
239	WO9622606	7/25/96	PCT
240	WO9622607	7/25/96	PCT
241	WO9630144	10/3/96	PCT
242	WO9710640	3/20/97	PCT
243	WO9711831	4/3/97	PCT
244	WO9716881	5/9/97	PCT
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246	WO9745847	12/4/97	PCT
247	WO9745848	12/4/97	PCT
248	WO9745906	12/4/97	PCT
249	WO9745907	12/4/97	PCT

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250	WO9745912	12/4/97	PCT
251	WO9745914	12/4/97	PCT
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253	WO9745916	12/4/97	PCT
254	WO9745918	12/4/97	PCT
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256	WO9745920	12/4/97	PCT
257	WO9745921	12/4/97	PCT
258	WO9745922	12/4/97	PCT
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267	WO9745931	12/4/97	PCT
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276	WO9747067	12/11/97	PCT
277	WO9820595	5/14/98	PCT
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	353	WO9929008	6/10/99	PCT		
	354	WO9929011	6/10/99	PCT		
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	368	WO9929029	6/10/99	PCT		
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INFORMATION DISCLOSURE CITATION LIST
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526 Rec'd PCT/PTO 22 MAY 2000

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Subtotal	43	

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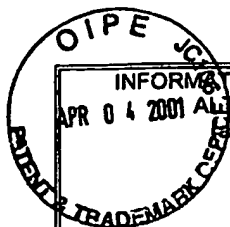
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	9847-0001-6X PCT	09/147,325
	Applicant(s):	
	MATS LEIJON ET AL	
Filing Date:	526 Rec'd PCT/PTO	22 MAY 2000
FEBRUARY 17, 1999	Group Art Unit:	
	2834	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>BN</i>	1	US 4,292,558	9/29/1981	Carl Flick et al			
<i>BN</i>	2	US 4,656,316	4/7/1987	Hans-Juergen Meltsch			
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Examiner	<i>BN</i>	Date Considered	7/18/04
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			



INFORMATION DISCLOSURE CITATION LIST
APR 04 2001 ALTERNATE FORM PTO-1449
(Additional to original listing)

Docket Number:
9847-0049-6X PCT

Application Number
09/554,884

Applicant(s):
BERTIL LARSSON ET AL

Filing Date:
AUGUST 22, 2000

Group Art Unit:
2834

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
BM	1	US 1,508,456	9/16/24	W.G.Lenz			
	2	US 1,904,885	4/18/33	G.A.Seeley			
	3	US 2,409,893	10/22/46	W.W. Pendleton et al			
	4	US 2,650,350	8/25/53	P.D. Heath			
	5	US 2,749,456	06/05/56	F.O. Luenberger			
	6	US 3,014,139	12/19/61	L.P. Shildneck			
	7	US 3,197,723	7/27/65	I.K.Dortort			
	8	US 3,392,779	7/16/68	K.B. Tilbrook			
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	10	US 3,541,221	11/17/70	M.Aupoix et al			
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	12	US 3,651,244	3/21/72	D.A. Silver et al			
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	26	US 4,321,426	3/23/82	F.K.Schaeffer			
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Examiner

Date

Considered

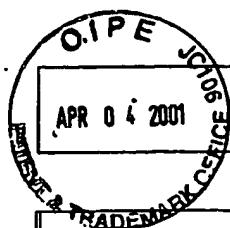
7/18/04

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Subtotal	65170						
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Examine <u>Bm</u>	Date <u>7/18/04</u>
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**INFORMATION DISCLOSURE CITATION LIST
ALTERNATE FORM PTO-1449**

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	1	DE 209,313	4/25/84	Germany		
	2	DE 134,022	12/28/01	Germany		
	3	DE 1,465,719	5/22/69	Germany		
	4	DE 19,020,222	3/13/97	Germany		
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	10	DE 4,438,186	5/2/96	Germany		
	11	DE 975,999	1/10/63	Germany		
	12	EP 0,102,513	1/22/86	European		
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	46	WO 98/40627	9/17/98	PCT		
	47	WO 98/43336	10/1/98	PCT		
	48	PCT/DE 90/00279	11/27/90	Int'l Search Report		

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27	OD 071	Das Einphasenwechselstromsystem hoherer Frequenz; J.G. Heft; Elektrische Bahnen eb; 12/1987, pp 388-389
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37	OD 082	Power Electronics - In Theory and Practice; K. Thorborg; ISBN 0-86238-341-2, 1993, pp 1-13
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Examine	Date
<i>Bm</i>	Considered <i>7/12/04</i>
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 9849-0049-6X PCT		SERIAL NO. 09/554,884	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Bertil LARSSON, et al.			
				FILED: August 22, 2000		GROUP 2834	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
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FOREIGN PATENT DOCUMENTS							
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<i>BM</i>	AO	WO 97/45908	12-04-97	WIPO (ENGLISH)			X
	AP						
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
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Examiner <i>BM</i>					Date Considered <i>7/12/04</i>		
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PART B - FEE(S) TRANSMITTAL

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22850 7590 07/23/2004

**OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/554,884	08/22/2000	Bertil Larsson	9847-0049-6X	9102

TITLE OF INVENTION: METHOD OF APPLYING A TUBE MEMBER IN A STATOR SLOT IN A ROTATING ELECTRICAL MACHINE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$0	\$1330	10/25/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
MULLINS, BURTON S	2834	310-215000

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☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is not claiming SMALL ENTITY status. See, e.g., 37 CFR 1.27(g)(2).

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA, VA 22314			EXAMINER MULLINS, BURTON S	
			ART UNIT	PAPER NUMBER
			2834	

DATE MAILED: 07/23/2004

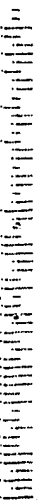
Determination of Patent Term Extension under 35 U.S.C. 154 (b) (application filed after June 7, 1995 but prior to May 29, 2000)

The Patent Term Extension is 0 day(s). Any patent to issue from the above-identified application will include indication of the 0 day extension on the front page.

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